

M 6.3, SOUTHEAST OF THE LOYALTY ISLANDS

Origin Time: Fri 2007-09-28 01:35:51 UTC

Location: 21.26°S 169.44°E Depth: 10 km

PAGER
Version 1

Created: 5 days, 15 hrs after earthquake

Estimated Population Exposed to Earthquake Shaking

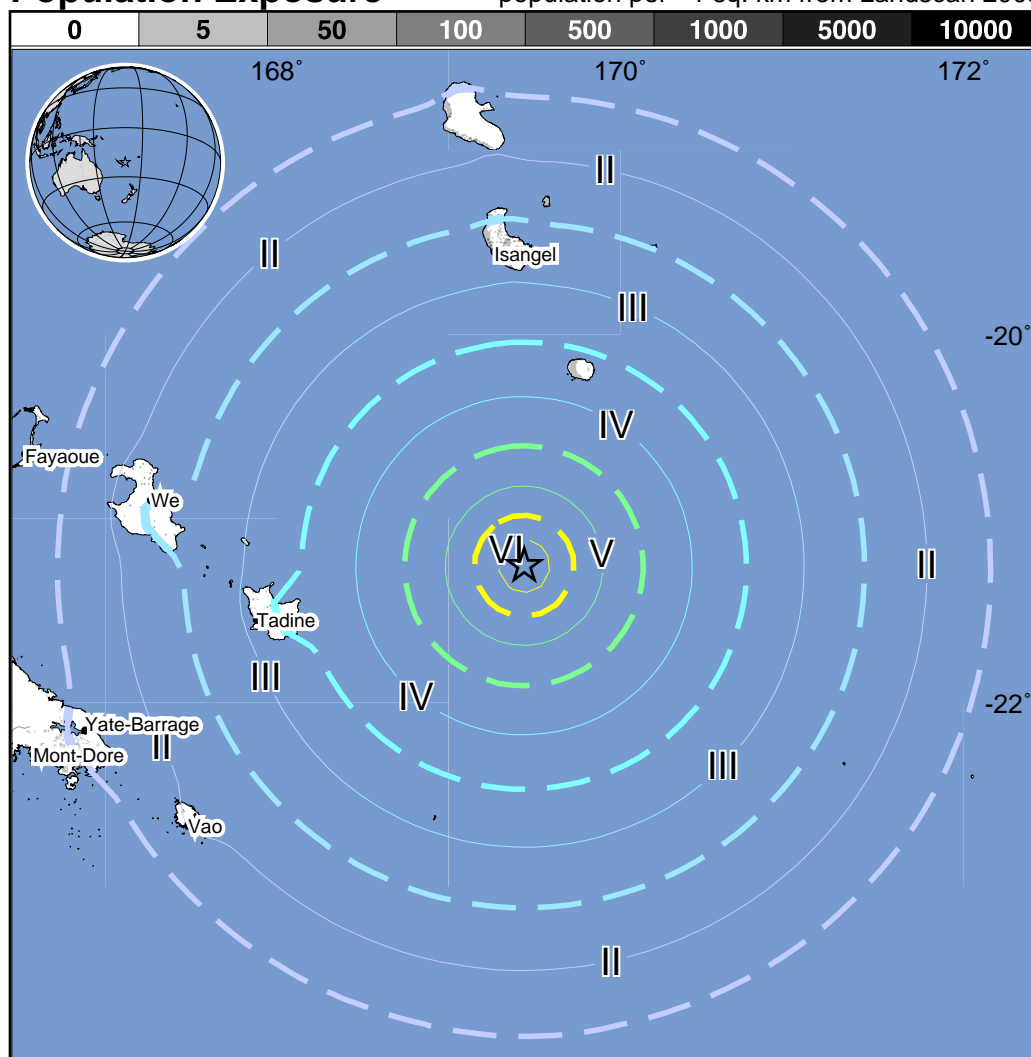
ESTIMATED POPULATION EXPOSURE (k = x1000)		5k*	58k	2k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landsat 2005

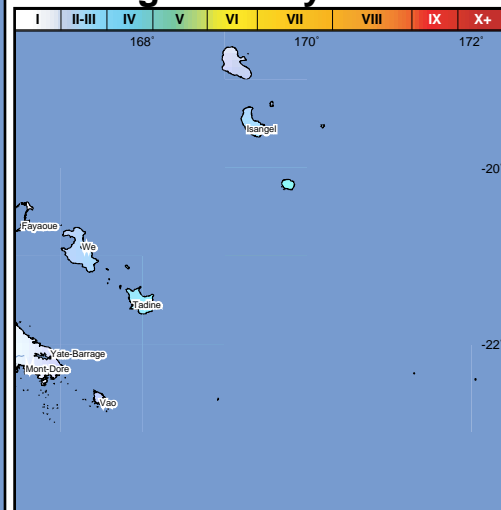
Selected City Exposure



MMI City	Population
III Tadine	7k
III Isangel	1k
III We	10k
III Vao	1k
II Yate-Barrage	1k
I Fayaoué	4k
I Mont-Dore	24k

bold cities appear on map (k = x1000)

Shaking Intensity



Users should consider the preliminary nature of this information and check for updates as additional data becomes available. Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures. Overall, structures in this region are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 8.0 earthquake struck the Vanuatu region on July 17, 1980 (UTC), with estimated population exposures of 2,300 at intensity VII and 9,800 at intensity VI. No shaking-related deaths were reported. Recent earthquakes in this area have also triggered tsunami and landslide hazards that have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2007hvaq